



**TRILOBITE  
TESTING, INC**

# DRILL STEM TEST REPORT

Fossil Resources, LLC

**33 12s 36w Logan, Ks**

11 W 36th St.  
Hays, Ks 67601

**Nelson #2**

Job Ticket: 65531

**DST#: 4**

ATTN: Lyle Herrman

Test Start: 2016.06.22 @ 02:11:00

## GENERAL INFORMATION:

Formation: **LKC - I**

Deviated: No Whipstock: ft (KB)

Time Tool Opened: 04:34:00

Time Test Ended: 09:40:45

Test Type: Conventional Bottom Hole (Reset)

Tester: Bradley Walter

Unit No: 78

**Interval: 4055.00 ft (KB) To 4090.00 ft (KB) (TVD)**

Reference Elevations: 3071.00 ft (KB)

Total Depth: 4055.00 ft (KB) (TVD)

3063.00 ft (CF)

Hole Diameter: 7.88 inches Hole Condition: Good

KB to GR/CF: 8.00 ft

**Serial #: 8845 Outside**

Press@RunDepth: 37.71 psig @ 4056.00 ft (KB)

Capacity: 8000.00 psig

Start Date: 2016.06.22

End Date:

2016.06.22

Last Calib.:

2016.06.22

Start Time: 02:11:05

End Time:

09:40:44

Time On Btm:

2016.06.22 @ 04:33:30

Time Off Btm:

2016.06.22 @ 07:43:30

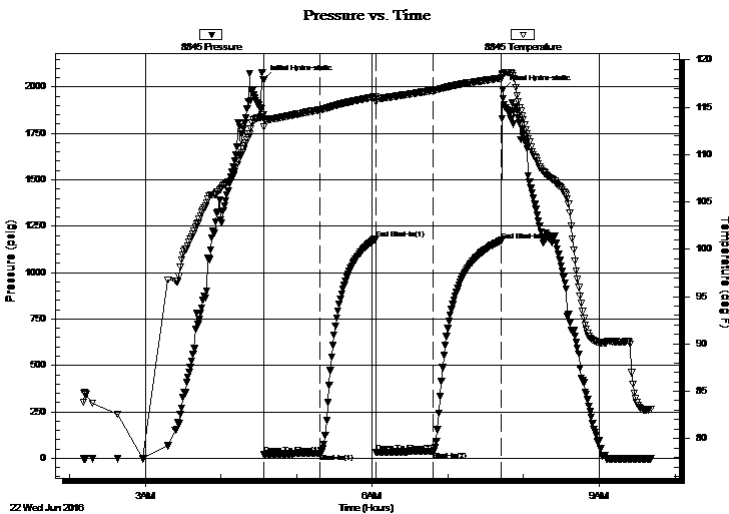
TEST COMMENT: IF: Surface blow , Died @ 30 min.

IS: No return.

FF: No blow .

FS: No return.

## PRESSURE SUMMARY



Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	2039.78	114.23	Initial Hydro-static
1	21.51	112.89	Open To Flow (1)
45	28.20	114.74	Shut-In(1)
90	1183.90	116.11	End Shut-In(1)
90	32.93	115.57	Open To Flow (2)
135	37.71	116.77	Shut-In(2)
189	1173.20	118.07	End Shut-In(2)
190	1986.33	118.50	Final Hydro-static

## Recovery

Length (ft)	Description	Volume (bbl)
50.00	mud 100m (oil spots)	0.37

## Gas Rates

	Choke (inches)	Pressure (psig)	Gas Rate (Mcf/d)

\* Recovery from multiple tests



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## Mud and Cushion Information

Mud Type: Gel Chem

Cushion Type:

Oil API:

0 deg API

Mud Weight: 9.00 lb/gal

Cushion Length:

ft

Water Salinity:

0 ppm

Viscosity: 53.00 sec/qt

Cushion Volume:

bbbl

Water Loss: 10.19 in<sup>3</sup>

Gas Cushion Type:

Resistivity: ohm.m

Gas Cushion Pressure:

psig

Salinity: 14000.00 ppm

Filter Cake: 1.00 inches

## Recovery Information

Recovery Table

Length ft	Description	Volume bbl
50.00	mud 100m (oil spots)	0.367

Total Length: 50.00 ft      Total Volume: 0.367 bbl

Num Fluid Samples: 0

Num Gas Bombs: 0

Serial #:

Laboratory Name:

Laboratory Location:

Recovery Comments:

